



PATENT  
Attorney Docket No.: 132281

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Stephen John Howell, et al.  
Serial No.: 10/687,683  
Filed: October 17, 2003  
For: METHODS AND APPARATUS  
FOR COOLING TURBINE  
ENGINE COMBUSTOR EXIT  
TEMPERATURES  
Group No.: 3746  
Examiner:

**Mail Stop: AMENDMENT**  
**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**

**TRANSMITTAL**

1. Transmitted herewith is:
  - Preliminary Amendment (4 pgs.)
  - Amendment Transmittal (3 pgs., *in duplicate*)
  - One (1) sheet of replacement drawings
  - Return post card

**STATUS**

2. Applicant
  - ☐ claims small entity status.
  - ☒ is other than a small entity.

**CERTIFICATE OF MAILING BY EXPRESS MAIL TO  
THE COMMISSIONER FOR PATENTS**

**Express Mail No. EV 504789809 US**

**Date: July 30, 2004**

I hereby certify that the documents listed above are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above in an envelope addressed to: Mail Stop: AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
Robert B. Reeser, III, Reg. No. 45,548

### EXTENSION OF TERM

3. The proceedings herein are for a patent application and the provisions of 37 C.F.R. 1.136 apply.

(complete (a) or (b), as applicable)

- (a) ☐ Applicant petitions for an extension of time under 37 C.F.R. 1.136  
(Fees: 37 C.F.R. 1.17(a)-(d) for the total number of months checked below:)

Extension for response within:	Other than small entity Fee	Small entity Fee (if applicable)
<input type="checkbox"/> first month	\$ 110.00	\$ 55.00
<input type="checkbox"/> second month	\$ 420.00	\$ 210.00
<input type="checkbox"/> third month	\$ 950.00	\$ 475.00
<input type="checkbox"/> fourth month	\$1,480.00	\$ 740.00
<input type="checkbox"/> fifth month	\$2,010.00	\$1,005.00
	Fee Due	\$ _____

If an additional extension of time is required, please consider this a petition therefor.

(Check and complete the next item, if applicable)

- ☐ An extension of \_\_\_\_\_ months has already been secured. The fee paid therefor \$\_\_\_\_\_ is deducted from the total fee due for the total months of extension now requested.

Extension fee due with this request \$ \_\_\_\_\_.

**OR**

- (b) ☒ Applicant believes that no extension of term is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.

### FEE FOR CLAIMS

4. The fee for claims (37 C.F.R. 1.16(b)-(d)) has been calculated as shown below:

	(Col. 1)		(Col. 2)	(Col. 3)	SMALL ENTITY		OTHER THAN SMALL ENTITY
	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	ADDITIONAL RATE FEE	OR	ADDITIONAL RATE FEE
TOTAL		MINUS		=	x \$9 = \$		x \$18 = \$
INDEP.		MINUS		=	x \$43 = \$		x \$86 = \$
____ FIRST PRESENTATION OF MULTIPLE DEP. CLAIM					+ \$145 = \$		+ \$290 = \$
					TOTAL ADDITIONAL FEE \$	OR	TOTAL ADDITIONAL FEE \$

- (a) ☒ No additional fee for Claims is required

**OR**

- (b) ☐ Total additional fee for claims required \$

**FEE PAYMENT**

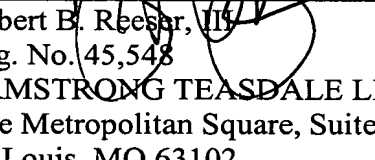
5.        Attached is a check in the sum of \$             
       ☐ Charge Deposit Account No. 01-2384 the sum of \$       .  
A duplicate of this transmittal is attached.

**FEE DEFICIENCY**

6.        ☒ If any additional extension and/or fee is required, charge Deposit Account No. 01-2384.

**AND/OR**

- ☒ If any additional fee for claims is required, charge Deposit Account No. 01-2384.
7. ☐ Other:



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PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Stephen John Howell, et al. :  
: Art Unit: 3746  
Serial No.: 10/687,683 :  
: Examiner: unassigned  
Filed: October 17, 2003 :  
: :  
For: METHODS AND APPARATUS :  
FOR COOLING TURBINE :  
ENGINE COMBUSTOR EXIT :  
TEMPERATURES :

**PRELIMINARY AMENDMENT**

Mail Stop: AMENDMENT  
Commissioner for Patents  
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Please enter the following amendment prior to examination of this application.